

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT					1. PAGE 1 OF
2. PROC INSTRUMENT ID NO. (PIN) F33657-95-D-2966	3. SPIIN 001301	4. EFFECTIVE DATE MAY 12 1998	5. REQUISITION/PURCHASE REQUEST PROJECT NUMBER	6. BDC/DMS RATING	
7. ISSUED BY USAF/AFMC AERONATICAL SYS CENTER, BLDG 16 2275 D STREET, RM 129 WRIGHT-PATTERSON AFB, OH 45533-7233 BUYER: JOE M. INMAN, ASC/CDSK (937) 255-7003 x4647		8. ADMINISTERED BY (If other than Block 7) DCMAO BALTIMORE ATTN: CHESAPEAKE 200 TOWSONTOWN BLVD, WEST TOWSON MD 21204-5299			
9. CONTRACTOR CODE 5R191 FACILITY CODE NAME AND ADDRESS MANAGEMENT CONSULTING & RESEARCH 2000 CORPORATE RIDGE, SUITE 850 MCLEAN VA 22102		10. SECURITY CLASSIFICATION U 11. DISCOUNT FOR PROMPT PAYMENT NET DAY 1 st % DAYS 2 nd % DAYS 3 rd % DAYS OTHER IF "9" SEE SECT "E" 12. PURCHASE OFFICE POINT OF CONTACT AYV/A6F/ANC			
13. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS <input type="checkbox"/> The above numbered solicitation is amended as set forth in Block 17. The hour and date specified for receipt of <input type="checkbox"/> IS EXTENDED <input type="checkbox"/> IS NOT Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended by one of the following methods: (a) By signing and returning _____ copies of this amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER if by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
14. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS <input type="checkbox"/> THIS CHANGE IS ISSUED PURSUANT TO THE CHANGE SET FORTH HEREIN ARE MADE TO THE ABOVE NUMBERED <input type="checkbox"/> THE ABOVE NUMBERED CONTRACT IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation data, etc.) SET FORTH HEREIN. <input checked="" type="checkbox"/> THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF <u>Special Contract Requirements H-013 "Orders"</u> IT MODIFIES THE ABOVE NUMBERED CONTRACT AS SET FORTH <input type="checkbox"/> THIS MODIFICATION IS ISSUED PURSUANT TO _____					
15. CONTRACT ADMINISTRATION DATA A. KIND OF MOD C. DATE OF SIGNATURE D. CHANGE IN CONTRACT AMOUNT E. LOSING PO/CAO ON TRANSFER F. GAINING POC/CAO ON TRANSFER G. SVC/AGENCY USE C \$59,498.72					
16. ENTER ANY APPLICABLE CHANGES A. PAY CODE B. EFFECTIVE DATE OF AWARD C. CONTRACT (1) TYPE (2) KIND D. TYPE CONTRACTOR E. SURV CRIT F. SPL CONTR PROVISIONS G. PAYING OFC CODE H. DATE SIGNED I. SECURITY (1) CLAS (2) DATE OF DD 254					
17. REMARKS (Except as provided herein, all items and conditions of the contract, as heretofore changed, remain unchanged and in full force and effect.) SUBJECT: ADDITIONAL EFFORT AND INCREMENTAL FUNDING CHANGE IN OBLIGATION: \$59,499.72 (Total Obligation: \$587,291.50) CHANGE IN PRICE: \$59,498.72 (Total Price: \$1,158,604.42)					
18. <input type="checkbox"/> CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT <input checked="" type="checkbox"/> CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>1</u> COPIES TO ISSUING OFFICE					
19. CONTRACTOR/OFFEROR (Signature of person authorized to sign) BY: <u>PJ Fitzsimmons PM</u>		22. UNITED STATES OF AMERICA (Signature of Contracting Officer) BY: <u>Margaret Yarrington</u>			
20. NAME/TITLE OF SIGNER (Type or Print) <u>PJ Fitzsimmons PM</u>	21. DATE SIGNED <u>5/7/98</u>	23. NAME OF CONTRACTING OFFICER (Type or Print) <u>MARGARET YARRINGTON</u>	24. DATE SIGNED <u>08 MAY 1998</u>		

1. Contract F33657-95-D-2966, task order 0013, is hereby modified pursuant to H-013 "Orders" clause of the above numbered contract. There will be an increase of \$59,498.72 in contract price for an additional 1,128 hours of effort. Pursuant to Clause 5352.232-9305, "Limitations Of Government's Obligation - Time And Materials (Feb 1988)," of the basic contract, this Task Order is incrementally funded in the amount of \$59,499.72. The period of performance remains through 31 March 1999.

2. As a result of paragraph 1 above, the task order is modified as follows:

a. SECTION A

The total amount in Block 20 of AFMC Form 700 is increased by \$59,498.72, from \$1,099,105.70 to \$1,158,604.42.

b. SECTION B

<u>Item No</u>	<u>Supplies/Services</u>	<u>Quantity Purch Unit</u>	<u>Unit Price Total Item Amount</u>
0001	CLIN Change	Sec Class: U	\$1,075,370.62
			\$ 59,202.72+

noun: SPECIALIZED COMPTROLLER FUNCTIONAL SUPPORT

acrn: 9 nsn:

pr/mipr data: NJLSCR98710435

NJLSCR98710435-A001+

NJLSCR98710547+

type contract: Y Time and Materials

descriptive data:

A. The ceiling of this item is increased by \$59,202.72 from \$1,016,167.90 to \$1,075,370.62. Listed below by prime/team members are the negotiated labor categories and corresponding estimated number of labor hours for each category.

<u>Contractor</u>	<u>Labor Category</u>	<u>Estimated Hours</u>
Prime (on site)	Senior Analyst	960
Prime (off site)	Senior Analyst	168
	Total	1,128

B. Payment should be made using oldest funds first in the order and the amounts shown in the information Subline items below.

<u>Item No.</u>	<u>ACRN</u>	<u>Amount</u>
000101	AA	\$ 486,345.30
000102	AB	\$ 59,202.72
Total Obligation CLIN 0001:		\$ 545,548.02

C. This CLIN is incrementally funded in the amount of \$59,202.72 making the total obligation for this CLIN \$545,548.02. A total of \$529,822.60 remains to be funded. This CLIN remains funded through 30 September 1998.

000101 Info SubCLIN ESTABLISH Sec Class: U
 noun: AA \$534,268.50
 acrn: AA
 site codes pqa: D acp: D fob: D
 pr/mipr data: NJLSCR98710435
 NJLSCR98710435-A001
 type contract: Y Time and Materials

000102 Info SubCLIN ESTABLISH Sec Class: U
 noun: AB \$11,279.52
 acrn: AB
 site codes pqa: D acp: D fob: D
 pr/mipr data: NJLSCR98710547
 type contract: Y Time and Materials

Item No	Supplies/Services	Quantity		Unit Price	
		Purch	Unit	Total	Item Amount
0002	CLIN Change				NSP
					NSP
	acrn: 9 nsn:				
	pr/mipr data: NJLSCR98710435				
	NJLSCR98710435-A001+				
	NJLSCR98710547+				

descriptive data:

Data in accordance with Contract Data Requirements List, DD Form 1423, dated 21 February 1998. The price of this item is included in the price of item 0001 above.

000201 Info SubCLIN ESTABLISH Sec Class: U
 noun: AA NSP
 acrn: AA
 site codes pqa: D acp: D fob: D
 pr/mipr data: NJLSCR98710435
 NJLSCR98710435-A001+
 type contract: Y Time and Materials

000202 Info SubCLIN ESTABLISH Sec Class: U
 noun: AB NSP
 acrn: AB
 site codes pqa: D acp: D fob: D
 pr/mipr data: NJLSCR98710547
 type contract: Y Time and Materials

<u>Item No</u>	<u>Supplies/Services</u>	<u>Quantity</u> <u>Purch Unit</u>	<u>Unit Price</u> <u>Total Item Amount</u>
0005	CLIN Change	Sec Class: U	\$ 80,593.80 \$ 296.00+

noun: TRAVEL AND COMPUTER SERVICES
 acrn: 9 nsn:
 site codes pqa: D acp: D fob: D
 pr/mipr data: NJLSCR98710435
 NJLSCR98710547+
 type contract: S Cost Reimbursement

descriptive data:

1. The contractor shall provide travel and computer services required in the performance of item 0001 above. The ceiling of this item is increased by \$296.00 from \$80,297.80 to \$80,593.80.
2. Incremental funding in the amount of \$297.00 is obligated for this item and will fund this item through 30 September 1998. The total amount obligated for this CLIN is \$40,445.90 with a total of \$40,147.90 remaining to be funded.
3. Payment should be made in the order and amounts shown in the information Subline below:

<u>Item No.</u>	<u>ACRN</u>	<u>Amount</u>
000501	AA	\$40,148.90
000502	AB	\$ 297.00
TOTAL CLIN 0005:		\$40,445.90

000501 Info SubCLIN ESTABLISH Sec Class: U
 noun: AA \$40,148.90
 acrn: AA
 site codes pqa: D acp: D fob: D
 pr/mipr data: NJLSCR98710435
 type contract: S Cost Reimbursement

000502 Info SubCLIN ESTABLISH Sec Class: U
 noun: AB \$297.00
 acrn: AB
 site codes pqa: D acp: D fob: D
 pr/mipr data: NJLSCR98710547
 type contract: S Cost Reimbursement

c. SECTION G

<u>ACRN</u>	<u>Acct Class data</u>	<u>Appropriation/Lmt Subhead/CPN Recip DODAAD Supplemental Accounting Classification</u>	<u>Obligation Amount</u>
AA	ACCOUNT CHANGE		
	UNCLASSIFIED	5783600	F03000 \$47,923.20
		298 36JL 674679 582 9DMNUD 78071F 503000	

pr/mipr data: NJLSCR98710435-A001

descriptive data:

The fund cite appears as follows:

5783600 298 36JL 674679 582 9DMNUD 78071F 503000 F03000

AB	ACCOUNT ESTABLISH				
	UNCLASSIFIED	97X4930	5R10	F03000	\$11,576.52
		658 47JL 9DMTXD 180 78070R	503000		

pr/mipr data: NJLSCR98710547

descriptive data:

The fund cite appears as follows:

97X4930 5R10 658 47JL 9DMTXD 180 78070R 503000 F03000

Summary for Payment Office

	CLIN 0001	CLIN 0003	CLIN 0005
Basic	(AA) \$486,345.30	(AA) \$1,320.00	(AA) \$40,148.90
001301	(AA) \$47,923.20	\$	-(AB) \$297.00
	(AB) \$11,279.52		
	\$ 545,548.02	\$ 1,320.00	\$ 40,445.90
Total			\$ 587,313.92
Obligation			

d. SECTION H - SPECIAL CONTRACT REQUIREMENTS

In accordance with Special Contract Requirement H - 020, "Limitation of Government's Obligation" the ceiling price of this order for CLINs 0001, and 0003, is \$1,078,010.62 of which \$546,868.02 is available and obligated.

e. SECTION I

In accordance with FAR Clause 52.232-20, "Limitation of Cost," the the estimated cost for CLIN 0005 is \$80,593.80 of which \$40,445.90 is available and obligated to this cost-reimbursable effort.

f. SECTION J

<u>Document</u>	<u>Title and Date</u>	<u>No. of Pages</u>
Atch No. 1	SOW titled "Cost Estimating And Financial Analysis For JLSC/AM," dated 27 April 1998.	4

3. This Supplemental Agreement constitutes a full and equitable adjustment and the contractor releases the government from any and all liability under the contract for further equitable adjustments arising out of or in connection with the changes effected hereby.

**STATEMENT OF WORK
COST ESTIMATING AND FINANCIAL ANALYSIS
FOR JLSC/AM**

4/27/98

1.0 INTRODUCTION

1.1 SCOPE: This Statement of Work provides integrated financial analysis and cost estimating support to JLSC/AM in accordance with ASC/FM Contract SOW paragraphs 3.2, 3.4, 3, and 3.6. Also included as part of this effort is Economic Analysis (EA) support to the Maintenance Planning & Execution (MP&E) program, identified in para. 3.3.2 below.

1.2 BACKGROUND: This requirement defines fundamental tasks to be accomplished in support of JLSC/AM, including performance measurement and earned value analysis, financial analysis, cost estimating, and program analysis. The Ammunition Management Standard System (AMSS) Joint Program Office (JPO) requires on-going resource management and program control activities (including cost estimation, performance measurement, and budget preparation and execution), as well as an economic analysis of alternatives and projected auditable costs and benefits (including evaluating alternative investments, scheduling, and technology scenarios). These functions are critical for proper development contractor oversight, funds control, milestone advancement, and future program planning and budgeting.

2.0 APPLICABLE DOCUMENTS:

- A. Draft AMSS Economic Analysis, 18 January 1997
- B. AMSS Draft (adjusted) EA Addendum, 30 April 1997
- C. AMSS Draft EA Addendum, 30 May 1997
- D. AMSS Single Acquisition Management Plan, 18 April 1997
- E. DoDD 5000.1, "Defense Acquisition," 15 March 1996
- F. DoDD 5000.2R, "Mandatory Procedures for Major Defense Acquisition Programs (MDAP) and Major Automated Information Systems (MAIS) Acquisition Programs (including change 1)," 13 December 1996
- G. DoDD 5000.4M, "DoD Manual, Cost Analysis Guidance And Procedures," December 1992
- H. DoDD 7045.14, "The Planning, Programming, and Budgeting System (PPBS)," 22 May 1984
- I. DoD 7000.14R, "Financial Management Regulations," 23 June 1993
- J. Acquisition Decision Memorandum (ADM) 23 Jun 1997

3.0 REQUIREMENTS: The contractor shall provide financial analysis and cost estimating support to the AMSS JPO as listed in the following paragraphs:

3.1 Performance Measurement and Earned Value Analysis. The contractor

shall support the program office by analyzing the development contractor's performance [(Cost/Schedule Status Reports CSSRs) and Contract Fund Status Reports (CFSRs)] and by revising the program estimate at completion (EAC). The contractor shall provide an on-going earned value assessment based on cost, schedule, and technical performance measures, to include identifying potential risk areas. (CDRL A006A)

3.2 Financial Analysis. The contractor shall provide advice and assistance to the AM Program Office in budget formulation (both for the JPO and the Services' POM inputs), obligation and expenditure funds management, and funds status tracking. This will include preparing estimates, performing "what if" estimates, preparing responses to budget inquiries, monitoring the commitment, obligation, and expenditure status of JPO funds, and performing the PR/MIPR functions (including preparing and coordinating PRs/MIPRs, and maintaining control logs).

3.3 ~~3.3~~ Cost Estimating.

3.3.1 AMSS Support. The contractor shall accomplish cost estimates for all phases of the AMSS program. This will include updating the Program Office Estimate (POE) based on the on-going program, estimating the AMSS Life Cycle Cost (LCC), preparing an Economic Analysis (EA) to support a Milestone III decision, and providing cost estimates for alternatives given various budget, schedules, and/or technical parameters. These alternate estimates should consider the benefits and return on investment associated with the various approaches. Additionally, the contractor shall prepare independent cost estimates for comparison to contractor cost proposals for Engineering Change Proposals (ECPs). The EA identifies the costs and benefits associated with the comparison of alternatives for the Ammunition Management Standard System (AMSS), Site and Application-Specific Analyses as well as work efforts for specified sites' AIS applications (such as AIS implementation or business process improvements). The EA will include documentation of all sources, methodology, calculations, assumptions, models used, results, etc. (CDRL A006B).

3.3.2 MP&E Support. The contractor shall provide support to JLSC/PMO on the MP&E Economic Analysis (EA) dated 26 Nov 97. The contractor shall assist the MP&E government representative in presenting the EA, as well as responding to inquiries from the JLSC, the Air Force Cost Analysis Agency, and the Naval Center for Cost Analysis. Contractor support on this subtask shall not exceed 30 Jun 98.

3.4 Program Analysis. The contractor shall provide suggestions and recommendations for inputs to financial and performance program documentation and presentations, such as the Single Acquisition Management Plan (SAMP), program baselines, program management reviews, award fee boards, and budget submissions. The contractor also shall conduct Pre and Post Investment Analysis to capture the benefits of AMSS implementation.

3.5 Progress Reports. The contractor shall provide monthly status reviews to

F33657-95-D-2966/001301

4/21/984/20/983/5/983 of 4

the, AMSS Program Control Chief, or the designee. These reviews will discuss work effort underway, progress to date, difficulties encountered in performing ongoing work efforts, work to be started or completed in the next month, and financial status of the task order. (CDRL A0004)

F33657-95-D-2966/001301

4/21/984/20/983/5/98

4 of 4

3.6 Travel. The contractor shall travel, when authorized, to participate in meetings, reviews, and data collection as required to accomplish assigned tasking. In order to obtain authorizations, the task order monitor for the Government shall be notified ten working days in advance of all contractor travel.

4.0 OTHER CONSIDERATIONS:

4.1 Principle Place of Work. Contractors will conduct work primarily at the contractor's Dayton office. There will be times, however, when the contractor will be required to attend meetings at the JLSC/AM Office to obtain information essential to completing the above tasks.

Management Consulting & Research, Inc.
5200 Springfield Pike, Suite 212
Dayton, Ohio 45431
(513) 253-4600

5.0 SECURITY. Unclassified

6.0 JLSC POINT OF CONTACT. The JLSC Point of Contact is:

Ms. Maggie Arnberg
JLSC/AM
1864 Fourth St., Suite 1, Bldg 15
Wright-Patterson AFB, OH 45433
(937) 255-0406